

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:
Adrian P. Wise et al.

Filed: February 5, 2001

For: MULTISTANDARD VIDEO
DECODER AND DECOMPRESSION
SYSTEM FOR PROCESSING
ENCODED BIT STREAMS
INCLUDING PIPELINE
PROCESSING AND METHODS
RELATING THERETO

§ Serial No. Not Yet Known
§
§ Art Unit: 2783 (anticipated)
§
§ Examiner: Follansbee, J. (anticipated)
§
§ Attorney Docket No.:
§ 94100419(EP)USC1X1C1D8 PDDD
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PRELIMINARY AMENDMENT

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington DC 20231

FILING OF CORRESPONDENCE BY EXPRESS MAIL UNDER 37 C.F.R. § 1.10	
EL443264306US	2/5/01
Express Mail Label Number	Date of Deposit

Sir:

Prior to issuance of Serial Number 09/307,239 filed on October 7, 1997, and entitled MULTISTANDARD VIDEO DECODER AND DECOMPRESSION SYSTEM FOR PROCESSING ENCODED BIT STREAMS INCLUDING START CODES AND METHODS RELATING THERETO, applicant wishes to file a new divisional application thereon.

In the Specification:

On page 1, line 1, please delete "DATA PIPELINE SYSTEM AND DATA ENCODING METHOD" and in place thereof, please insert new title:

--MULTISTANDARD VIDEO DECODER AND DECOMPRESSION SYSTEM
FOR PROCESSING ENCODED BIT STREAMS INCLUDING PIPELINE
PROCESSING AND METHODS RELATING THERETO--.

On page 1, lines 2-8, please delete "This is a continuation-in-part application of U.S. Serial No. (not yet known) filed February 2, 1995, which is a continuation application of Serial No. 08/082,291 filed June 24, 1993. This application claims priority from EPO Application No. 92306038.8 filed June 30, 1992, British Application No. 9405914.4 filed March 24, 1994 and British Application No. (not yet known) filed February 28, 1995." and in place thereof please insert the following heading and paragraph:

--CROSS REFERENCE TO RELATED APPLICATIONS

This application is a divisional of U.S. Serial No. 09/307,239 filed October 7, 1997, which is a continuation of U.S. Serial No. 08/400,397 filed March 7, 1995, which is a Continuation-In-Part of U.S. Serial No. 08/382,958 filed February 2, 1995, now abandoned, which is a continuation of U.S. Serial No. 08/082,291 filed June 24, 1993, now abandoned.--

In the Claims:

Please add the following claims:

1. A pipeline system for decoding a data stream of data having portions encoded according to different standards comprising:
 - a sequence of pipeline stages, at least one of the pipeline stages being reconfigurable to operate according to the different standards;

5 the at least one of the pipeline stages including processing circuitry with an
6 active state which is entered when the data received by the at least one of the
7 pipeline stages has a predetermined activation pattern, the predetermined activation
8 pattern corresponding to one of the different standards;

9 the at least one of the pipeline stages including a state machine having a
10 current state and a previous state; and

11 wherein the at least one of the pipeline stages is activated upon recognition of
12 the predetermined activation pattern only upon a predetermined transition from the
13 previous state to the current state.

1 2. The pipeline system of claim 1, wherein the processing circuitry has an
2 inactive state, in which the at least one of the pipeline stages passes data to a
3 following pipeline stage without processing.

1 3. The pipeline system of claim 1, wherein the sequence of pipeline
2 stages includes at least one spatial decoder stage.

1 4. The pipeline system of claim 1, wherein the sequence of pipeline
2 stages includes at least one temporal decoder stage.

1 5. The pipeline system of claim 1, wherein the at least one of the pipeline
2 stages is a spatial decoder stage.

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- 1 6. The pipeline system of claim 1, wherein the at least one of the pipeline
2 stages is a temporal decoder stage.

REMARKS

Should the Examiner believe that contact with Applicant's attorney would be beneficial to the disposition of this application, he is invited to contact Applicant's attorney at the telephone number listed below. The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 94-1175.

Respectfully submitted,

Date: 2/5/01


Richard Stokey
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